

REMARKS

The Examiner has rejected claims 1-17 and 24 under 35 USC §102 (a) as being anticipated by US Patent 6,509,733 issued to Blubaugh et al..

Applicants respectfully traverse the Examiners rejection of these claims. Specifically, the Blubaugh reference does not teach or suggest each and every limitation of the present claims. As related to independent claims 1, 22 and 23, the Blubaugh reference does not teach that the position sensor assembly is mounted **external to a linkage system** as is clearly set forth in the preamble of claim 1 and the body of claims 10 and 24. Specifically, the specification of the instant application as set forth on page 7, paragraphs 24 and 25 define the linkage arrangement can be either the hydraulic cylinder or may comprise different linkage arrangements such as a frame and bucket or other implements of a work machine. The Blubaugh reference does disclose a specifically manufactured hydraulic cylinder wherein the position sensor assembly is embedded internally to the components of the hydraulic cylinder. Thus the arrangement of the instant application can be added to the exterior of an off the shelf hydraulic cylinder or any other linkage arrangement of a work machine without the need to manufacture specific components that will receive the position sensor assembly. Thus the Blubaugh reference does not teach each and every limitation of claims 1, 10 and 24.

Regarding claims 2-9 and 11-17, these claims add additional features to the independent claims from which they depend. Since claims 1 and 10 are believed to be in condition for allowance, claims 2-9 and 11-17 are believed to be allowable for at least the same reasons. Applicants therefore respectfully requests reconsideration and withdrawal of the rejection of claims 2-9, and 11-17.

REMARKS

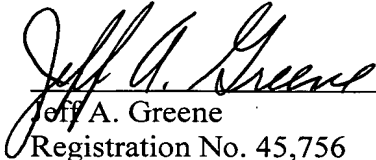
The Examiner has rejected claims 1-17 and 24 under 35 USC §102 (a) as being anticipated by US Patent 6,509,733 issued to Blubaugh et al.

Applicants respectfully traverse the Examiners rejection of these claims. Specifically, the Blubaugh reference does not teach or suggest each and every limitation of the present claims. As related to independent claims 1, 22 and 23, the Blubaugh reference does not teach that the position sensor assembly is mounted **external to a linkage system** as is clearly set forth in the preamble of claim 1 and the body of claims 10 and 24. Specifically, the specification of the instant application as set forth on page 7, paragraphs 24 and 25 define the linkage arrangement can be either the hydraulic cylinder or may comprise different linkage arrangements such as a frame and bucket or other implements of a work machine. The Blubaugh reference does disclose a specifically manufactured hydraulic cylinder wherein the position sensor assembly is embedded internally to the components of the hydraulic cylinder. Thus the arrangement of the instant application can be added to the exterior of an off the shelf hydraulic cylinder or any other linkage arrangement of a work machine without the need to manufacture specific components that will receive the position sensor assembly. Thus the Blubaugh reference does not teach each and every limitation of claims 1, 10 and 24.

Regarding claims 2-9 and 11-17, these claims add additional features to the independent claims from which they depend. Since claims 1 and 10 are believed to be in condition for allowance, claims 2-9 and 11-17 are believed to be allowable for at least the same reasons. Applicants therefore respectfully requests reconsideration and withdrawal of the rejection of claims 2-9, and 11-17.

It is respectfully urged that the subject application is in condition for allowance and allowance of the application at issue is respectfully requested.

Respectfully submitted,



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